

Product datasheet for **MC214730**

Prmt8 (NM_201371) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Prmt8 (NM_201371) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Prmt8
Synonyms:	Hrmt113; Hrmt114
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC214730 representing NM_201371 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGGGCATGAAACACTCCTCCCCTGCCTGCTCCTCCGGAGGAAAATGGCGGAGAATGCAGTCGAAAGCA
CCGAGGTGAGCAGCGCCCCCTCAGCCCCCTCAGCCTGTCAATCCAGCCAAGCCTGTGCAATGTGTCCA
CCATGTATCCACACAGCCAGCTGCCCTGGACGGGCAAGATGTCCAAGCTGCTGAACCCCGAGGAGATG
ACATCGAGAGATTACTATTTGACTCATACGCTCACTTTGGGATCCACGAGGAAATGTTGAAAGACGAGG
TGAGGACACTCAGTACCGGAATCCATGTACCATAATAAGCATGTGTTCAAGGACAAAGTGGTACTGGA
TGTGGGAGTGGCACAGGATCCTTTCCATGTTTGCCGCCAAAGCAGGGCCAAGAAGGTGTTGGGATT
GAATGTTCCAGTATTTCTGACTACTCGGAGAAGATCATTAAAGCCAATCACCTGGACAATGTCATACCA
TATTTAAGGGCAAAGTGGAGGAGGTGGAGCTGCCTGTGGAGAAGGTGGACATCATCATCAGCGAGTGGAT
GGGCTACTGTCTGTTCTACGAGTCCATGCTCAACACCGTGATCTTTGCCAGGGACAAGTGGTTGAAACCT
GGAGGGCTTATGTTTCCAGACCGGGCAGCTTTGTACGTGGTAGCAATCGAAGACAGACAGTACAAGGACT
TCAAAATCCACTGGTGGGAGAAATGTCTATGGCTTTGACATGACCTGCATCCGGGATGTTGCCATGAAGGA
GCCCTGGTGGACATCGTGGACCAAAGCAAGTGGTACCAATGCCTGTTAATAAAGGAAGTGGACATT
TACACTGTGAAGACGGAAGAGCTGCTTCACGTCTGCCTTCTGCCTGCAGATCCAGCGCAACGACTATG
TCCATGCCCTCGTACCTATTTTAATATTGAATTTACCAAGTGCCACAAGAAAATGGGTTTTTCTACAGC
CCCTGATGCCCTTACACCCACTGGAAGCAGAGCTGCTTCTACTTAGAAGACTACCTCACTGTCCGAGGA
GGGAGGAAAATCTACGGACCATATCCATGAAGCCAAATGCCAAAATGTGCGAGACCTCGATTTACAGC
TAGACTTGGATTTAAGGGACAGCTGTGTAAACATCTGTATCTAATGACTACAAAATGCGT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_201371
Insert Size:	1185 bp
OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info</p>
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none"> 1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_201371.2 , NP_958759.2
RefSeq Size:	2413 bp
RefSeq ORF:	1185 bp
Locus ID:	381813
UniProt ID:	Q6PAK3
Cytogenetics:	6 F3
Gene Summary:	<p>S-adenosyl-L-methionine-dependent and membrane-associated arginine methyltransferase that can both catalyze the formation of omega-N monomethylarginine (MMA) and asymmetrical dimethylarginine (aDMA) in proteins such as NIFK, myelin basic protein, histone H4, H2A and H2A/H2B dimer. Able to mono- and dimethylate EWS protein; however its precise role toward EWS remains unclear as it still interacts with fully methylated EWS. [UniProtKB/Swiss-Prot Function]</p>